

# 201903 Flood US Data Sources

## Geospatial Information and Remotely Sensed Imagery Products

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March-21-2019

### Catalog Info

Hazards Data Distribution System (HDDS)

Select Event: '201903\_Flood\_US' -> click on '+' and then 'Search'

Download Shapefiles for image footprints

[https://hddsexplorer.usgs.gov/data/list/disaster/201903\\_Flood\\_US/shapefiles/index](https://hddsexplorer.usgs.gov/data/list/disaster/201903_Flood_US/shapefiles/index)

More information about HDDS: <http://hdds.usgs.gov/hazards-data-distribution-system-hdds>

**HDDS Emergency Operations - Collection Management Tool** (area of interest for disaster imagery collections) *Request new disaster related imagery here.*

<http://cmt.usgs.gov/>

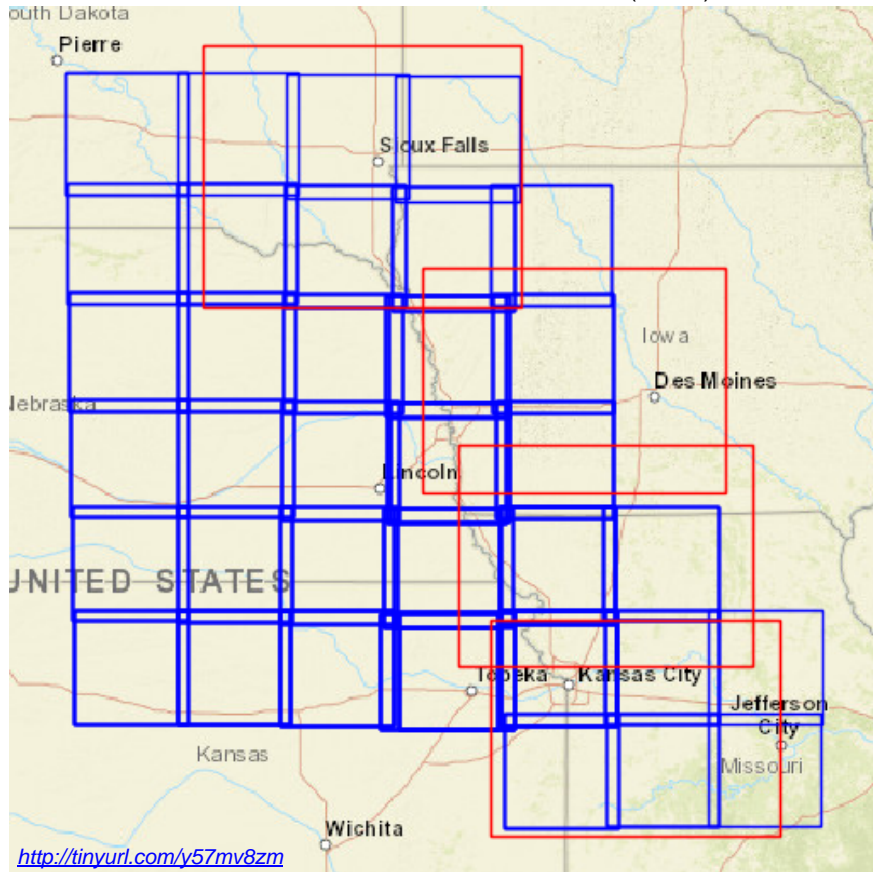
### HDDS Footprints Legend:

We highlight new image footprints as either **red** or **blue**, where **red** reflects the newest footprints from the last 48 hours and **blue** reflects footprints from the last 7 days.

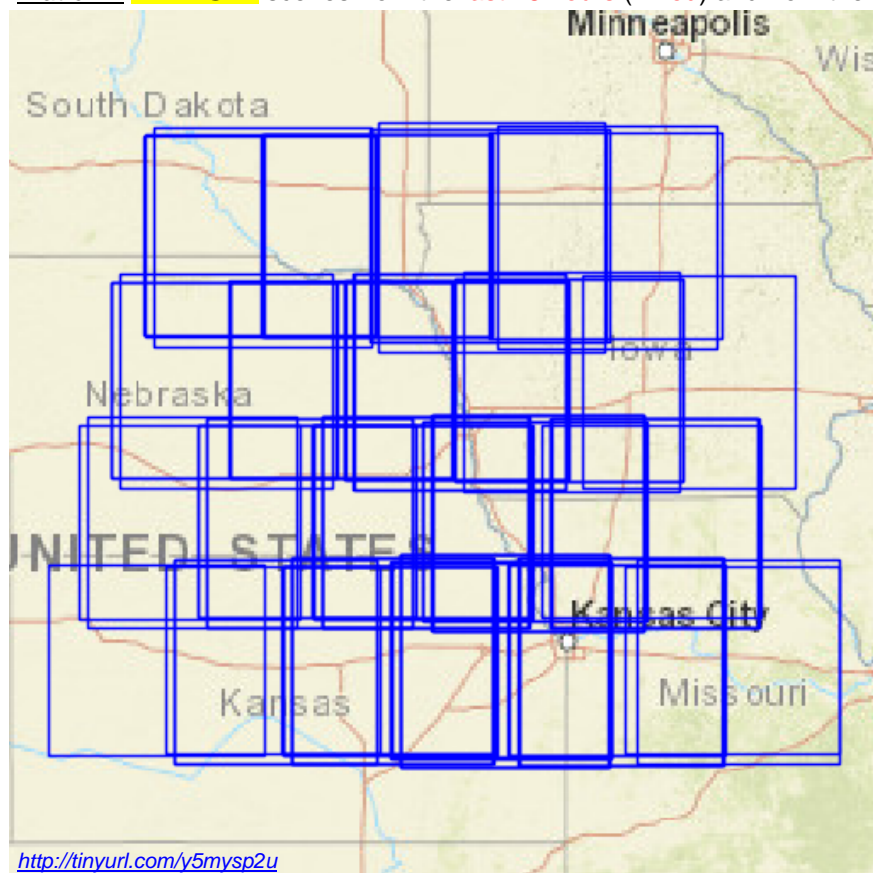
 New footprints from the past 48 hours

 Footprints from the last 7 days

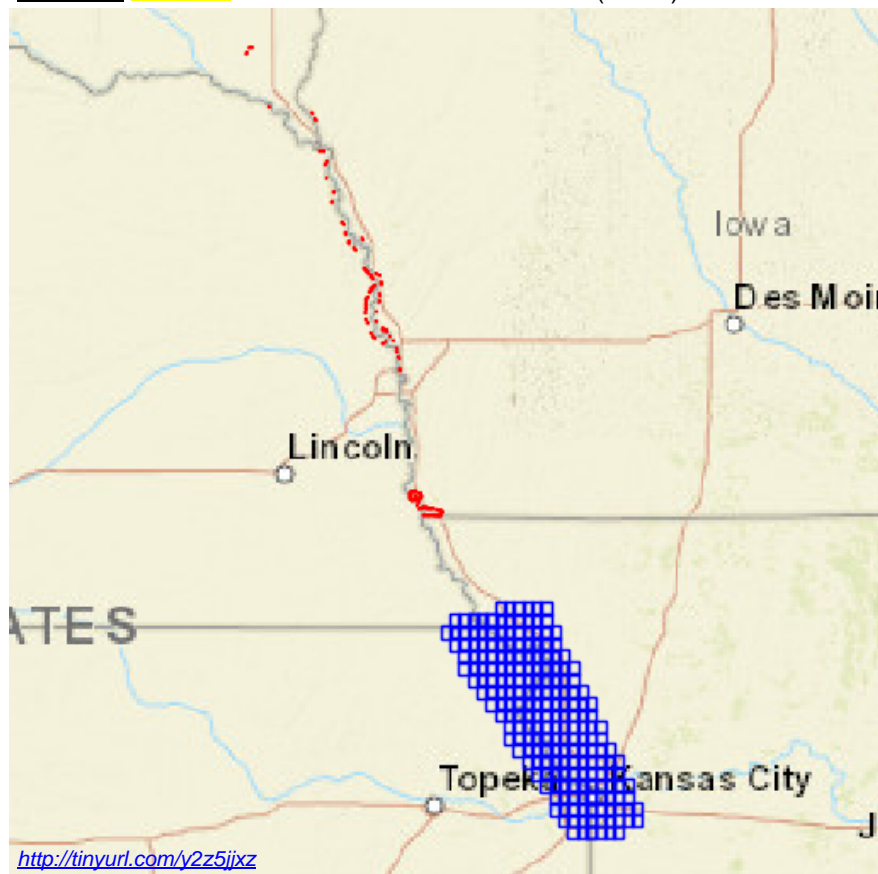
Platform: **SENTINEL** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **LANDSAT** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **AERIAL** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **REPORTS** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



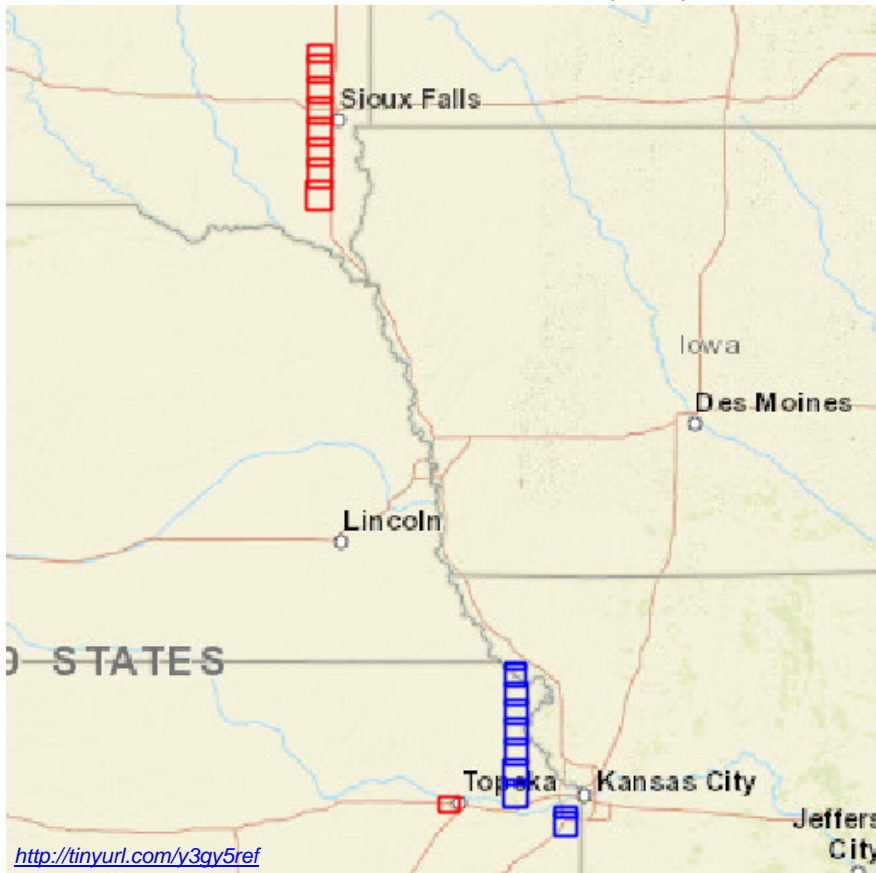
## HDDS Restricted

If you have not registered on either EarthExplorer or HDDS, click the register button in the top right corner of the screen and go thru the registration process. Once registered, you will have access to EarthExplorer and HDDS download capabilities. The first time you attempt to download restricted imagery, you will need to fill out an access request form for that event. Click on 'Access' (upper right of HDDS screen), then select 'To request access to restricted data click here'. Select event from menu. Once granted access, you can download restricted imagery. (note: in most cases the restricted area contains licensed imagery, not all requests can be granted.)

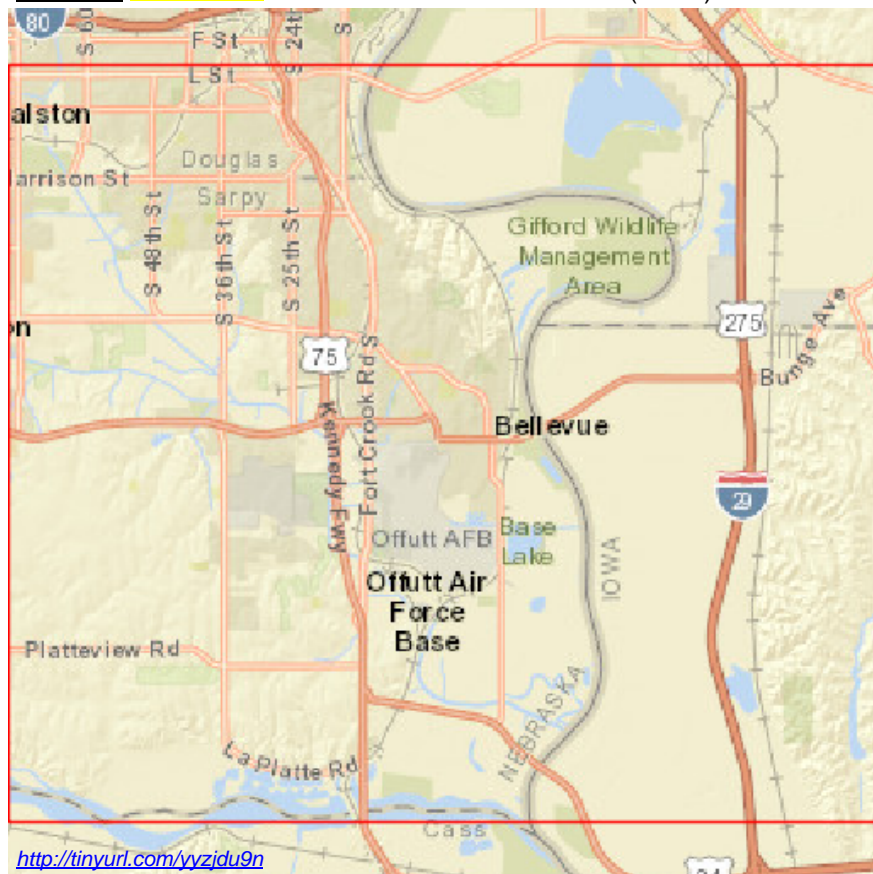
### Request access:

[https://hddsexplorer.usgs.gov/access/request?event=201903\\_Flood\\_US](https://hddsexplorer.usgs.gov/access/request?event=201903_Flood_US)

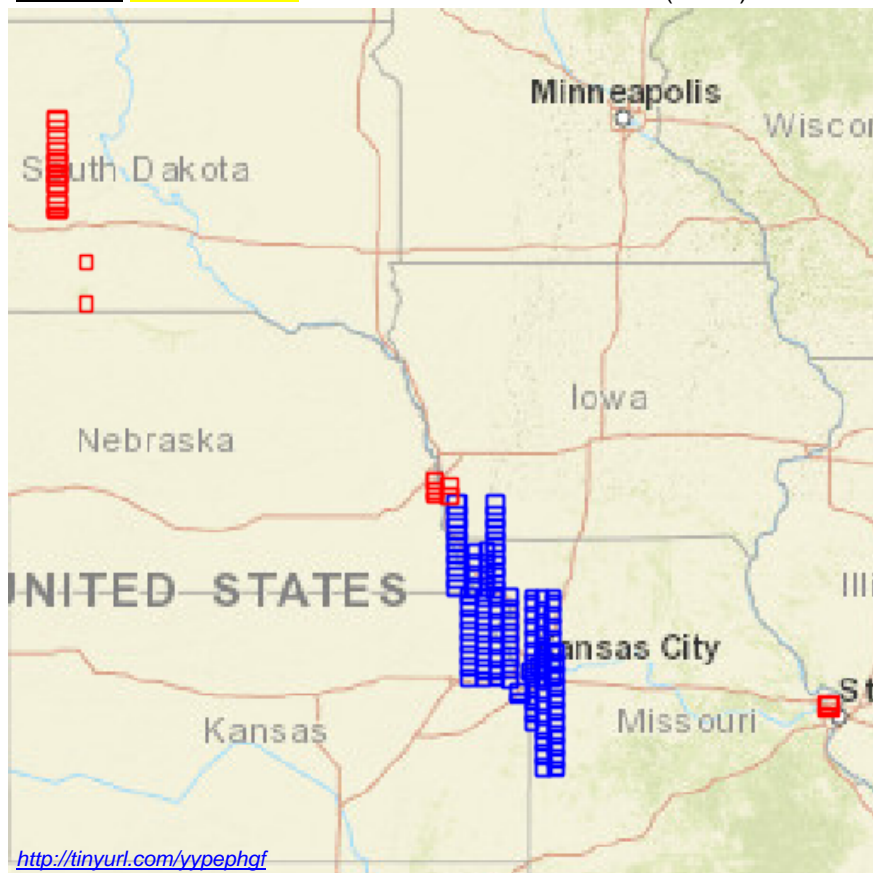
Platform: **GEOEYE** scenes from the **last 48 hours** (in red) and from the **last 7 days** (in blue)



Platform: **PLEIADES** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **WORLDVIEW** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



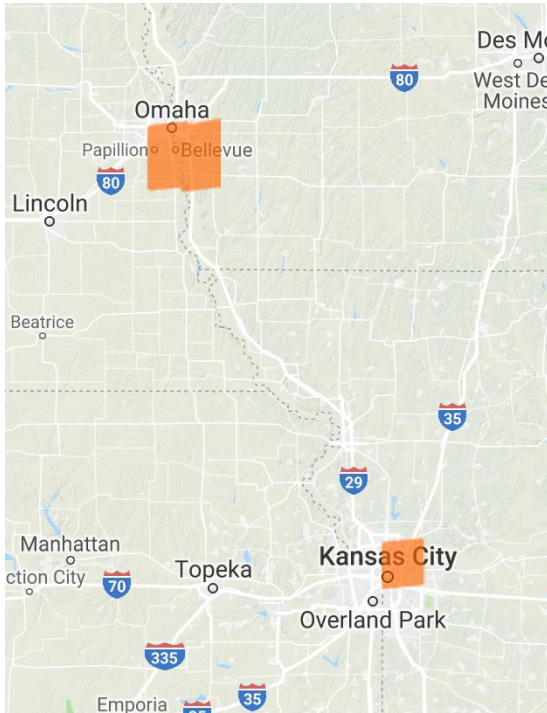
End HDDS



## Digital Globe Imagery

Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or .mil emails can self-register. <https://evwhs.digitalglobe.com/myDigitalGlobe/>

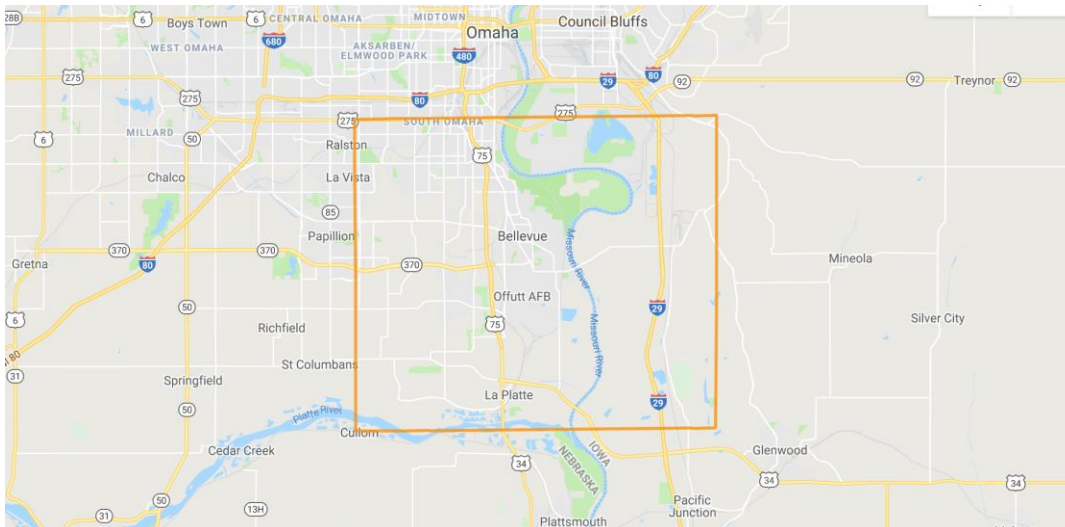
### **Last 48 Hours**



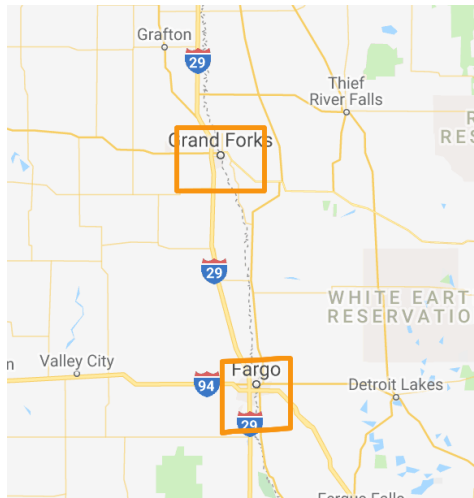
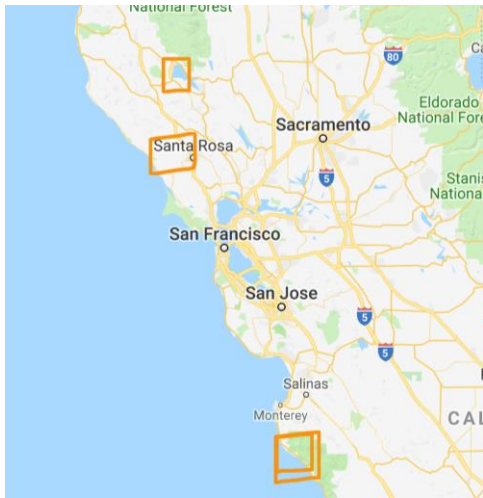
## Eagle Vision scenes

<http://dev.evr2est.us/scenes/table> and <http://evr2est.us/>

### **OFFUTT**



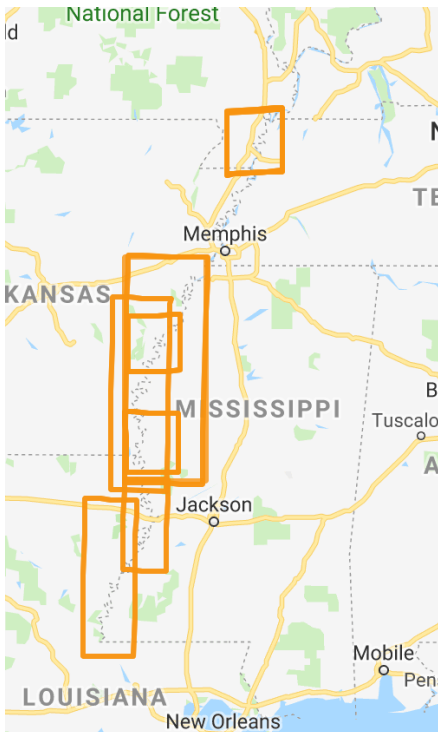
## EV3\_FLOODS\_2019



## TN\_River\_Valley\_Flood\_2019



## Ms\_River\_Flooding 2019



## **Additional map services and journals:**

\*\*\*Note: Depending on your network security requirements, you might not be able to click on the links below, instead you will need to copy+paste into a new browser window.

### **FEMA Region 7 Map Journal**

<http://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=6a1a3a267e0146c1a3d288e4b880d98c>

### **FEMA HQ Flood Journal**

<https://nation.maps.arcgis.com/home/item.html?id=57dc21191b2f49dbaaae4bb8536fa954>

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### **[NEW] CAP Imagery (Hosted by FEMA)**

<https://disasters.geoplatform.gov/imagerybrowser/?webmap=2c7dabb4a0594861a8bac3944b931d2d>

### **[NEW] Region 7 Map Journal**

<http://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=6a1a3a267e0146c1a3d288e4b880d98c>

### **[NEW] Nebraska County Damage Impact Assessments**

<https://nema.nebraska.gov/operations/county-damage-impact-assessments>

### **[NEW] NEMA Flood Dashboard**

<http://nema.maps.arcgis.com/apps/opsdashboard/index.html#/0bc3537ed2a145bba2ffbd37b54209ed>

### **[NEW] Iowa Dashboard**

<http://iowadot.maps.arcgis.com/apps/opsdashboard/index.html#/39cfe72519c04a22a6a28654c4545739>

### **[NEW] NASA Disasters Sites**

General mapping portal: <https://maps.disasters.nasa.gov>

Midwest Flooding Data Group:

<https://maps.disasters.nasa.gov/arcgis/apps/PublicGallery/index.html?appid=658707f0673d4b508b2a6049a69bb3f8>

Mapping App:

<https://maps.disasters.nasa.gov/arcgis/apps/MapSeries/index.html?appid=c445c4ba6adb476f9b2769070f382309>

### **[NEW] Douglas County Damage Assessment Dashboard**

<https://dogis.maps.arcgis.com/apps/opsdashboard/index.html#/ec0855b9eeda49d88f730c0a419219df>

### **[NEW] USGS HDDS**

USGS HDDS Explorer - <https://hddsexplorer.usgs.gov/>

USGS Collection Management Tool - <https://cmt.usgs.gov/>

### **ESRI Before and During Swipe map using Sentinel-2 Data**

<https://nation.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=815b19460fe64c9c87c68e073ae71e8e>

*tilled service for the post event imagery in NE*

<https://nation.maps.arcgis.com/home/item.html?id=57dc21191b2f49dbaaae4bb8536fa954>



## **NEMA Newsroom**

<https://nema.nebraska.gov/press/update-state-response-historically-catastrophic-weather-events>

## **NEMA GIS**

*County Emergency Declaration*

[https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/County\\_DeclarationsB/FeatureServer](https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/County_DeclarationsB/FeatureServer)

*City Emergency Declaration*

[https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/City\\_Declarations/FeatureServer](https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/City_Declarations/FeatureServer)

*Tribal Declaration*

[https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/Tribal\\_Declaration/FeatureServer](https://services5.arcgis.com/p6OJnG6npkIZvirZ/arcgis/rest/services/Tribal_Declaration/FeatureServer)

## **American Red Cross**

[https://maps.redcross.org/website/maps/arc\\_shelters.html](https://maps.redcross.org/website/maps/arc_shelters.html)

## **VIIRS Floodwater Fraction web app**

<https://fema.maps.arcgis.com/apps/webappviewer/index.html?id=8332b01063a949399ba846e93e6ee26f>

## **NE 511 Map viewer**

<https://hb.511.nebraska.gov/#roadReports?timeFrame=TODAY&layers=trafficSelectAll%2CgoogleTraffic%2CotherStates>

## **NE 511 DOT REST**

[https://services.arcgis.com/8lRhdtTsQyJpO52F1/arcgis/rest/services/CARS511\\_NE\\_Events\\_View/FeatureServer/0](https://services.arcgis.com/8lRhdtTsQyJpO52F1/arcgis/rest/services/CARS511_NE_Events_View/FeatureServer/0)

## **FEMA CAP Image Uploader Web map**

<https://disasters.geoplatform.gov/imagery/browser/?webmap=2c7dabb4a0594861a8bac3944b931d2d>

*For those on FEMA internal network, images are re-hosted at:*

[\\hqnrcc8f1\MAPVOL2\PUBLIC\DRT\\_IN\GIS\\_Event\CAP\\_Imagery\\_Midwest\\_Floods\\_MAR\\_2019](\\hqnrcc8f1\MAPVOL2\PUBLIC\DRT_IN\GIS_Event\CAP_Imagery_Midwest_Floods_MAR_2019)

## **GIS REST**

[https://ags01.sec.usace.army.mil/server/rest/services/NLD2\\_12MAR2019\\_ALL\\_PROD/MapServer](https://ags01.sec.usace.army.mil/server/rest/services/NLD2_12MAR2019_ALL_PROD/MapServer)

## **NASA Earth Science Disasters Program**

<https://maps.disasters.nasa.gov/arcgis/home/group.html?id=d89adab9830d47648273ef9668e1c4a2>

## **FEMA Region 6 Flood Journal**

<http://arcg.is/1G0n8j>

### **Notes:**

- Pages 4 and 5 have the impacts at the major flood gages from the NWS website (as well the impacts are listed in the attached SOPT report)
- Pages 6 and 7 have the exposure for the areas of interest of the Morganza and Bonnet Carre Spillways

## **California Flooding Crowdsourced photo map from NAPSG**

<http://bit.ly/2IIIujA>

**Send comments, additions, and corrections to:**

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If you would like to be on the distribution list to receive these documents, you can sign up here:

*Remote Sensing and GIS Data for Disaster Community (RSGDC) Data Source Updates:*

[https://public.govdelivery.com/accounts/USDHSFEMA/subscriber/new?topic\\_id=USDHSFEMA\\_1367](https://public.govdelivery.com/accounts/USDHSFEMA/subscriber/new?topic_id=USDHSFEMA_1367)